Chunsun Dai

List of Publications by Year in Descending Order

73 papers	7,994 citations	36 h-index	76 g-index
76 ext. papers	9,068 ext. citations	7.2 avg, IF	5.29 L-index

#	Paper	IF	Citations
73	Targeting Ferroptosis Attenuates Interstitial Inflammation and Kidney Fibrosis.. *Kidney Diseases (Basel, Switzerland)*, **2022**, 8, 57-71	3.3	3
72	Metabolic Regulation of Fibroblast Activation and Proliferation during Organ Fibrosis.. *Kidney Diseases (Basel, Switzerland)*, **2022**, 8, 115-125	3.3	0
71	Follistatin-like 1 (FSTL1) interacts with Wnt ligands and Frizzled receptors to enhance Wnt/β-catenin signaling in obstructed kidneys in vivo.. *Journal of Biological Chemistry*, **2022**, 102010	5.4	1
70	Resveratrol ameliorates high-phosphate-induced VSMCs to osteoblast-like cells transdifferentiation and arterial medial calcification in CKD through regulating Wnt/β-catenin signaling.. *European Journal of Pharmacology*, **2022**, 174953	5.3	0
69	PP2A Catalytic Subunit promotes fibroblast activation and kidney fibrosis via ERK pathway. *Cellular Signalling*, **2021**, 90, 110187	4.9	
68	PP2Ac promotes macrophage accumulation and activation to exacerbate tubular cell death and kidney fibrosis through activating Rap1 and TNF production. *Cell Death and Differentiation*, **2021**, 28, 2728-2744	12.7	2
67	Pyruvate kinase M2 mediates fibroblast proliferation to promote tubular epithelial cell survival in acute kidney injury. *FASEB Journal*, **2021**, 35, e21706	0.9	4
66	Tuberous sclerosis 1 (Tsc1) mediated mTORC1 activation promotes glycolysis in tubular epithelial cells in kidney fibrosis. *Kidney International*, **2020**, 98, 686-698	9.9	7
65	Role of pyruvate kinase M2-mediated metabolic reprogramming during podocyte differentiation. *Cell Death and Disease*, **2020**, 11, 355	9.8	8
64	Rheb1 protects against cisplatin-induced tubular cell death and acute kidney injury via maintaining mitochondrial homeostasis. *Cell Death and Disease*, **2020**, 11, 364	9.8	8
63	Loss of Rictor in tubular cells exaggerates lipopolysaccharide induced renal inflammation and acute kidney injury via Yap/Taz-NF-B axis. *Cell Death Discovery*, **2020**, 6, 40	6.9	3
62	FGF/FGFR2 Protects against Tubular Cell Death and Acute Kidney Injury Involving Erk1/2 Signaling Activation. *Kidney Diseases (Basel, Switzerland)*, **2020**, 6, 181-194	3.3	6
61	mTOR Signaling in Kidney Diseases.. *Kidney360*, **2020**, 1, 1319-1327	1.8	2
60	Pathophysiology of Chronic Kidney Disease **2020**, 13-32		1
59	Deletion of FHL2 in fibroblasts attenuates fibroblasts activation and kidney fibrosis via restraining TGF-1-induced Wnt/β-catenin signaling. *Journal of Molecular Medicine*, **2020**, 98, 291-307	5.5	8
58	Inhibition of 4E-BP1 phosphorylation promotes tubular cell escaping from G2/M arrest and ameliorates kidney fibrosis. *Cellular Signalling*, **2019**, 62, 109331	4.9	7
57	Fibroblast mTOR/PPAR/HGF axis protects against tubular cell death and acute kidney injury. *Cell Death and Differentiation*, **2019**, 26, 2774-2789	12.7	18

56	Identification of macrophage-related candidate genes in lupus nephritis using bioinformatics analysis. *Cellular Signalling*, **2018**, 46, 43-51	4.9	8
55	The feedback loop between miR-21, PDCD4 and AP-1 functions as a driving force for renal fibrogenesis. *Journal of Cell Science*, **2018**, 131,	5.3	22
54	Wnt/-Catenin-Promoted Macrophage Alternative Activation Contributes to Kidney Fibrosis. *Journal of the American Society of Nephrology: JASN*, **2018**, 29, 182-193	12.7	86
53	Canonical Wnt Signaling Promotes Macrophage Proliferation during Kidney Fibrosis. *Kidney Diseases (Basel, Switzerland)*, **2018**, 4, 95-103	3.3	16
52	Yap/Taz mediates mTORC2-stimulated fibroblast activation and kidney fibrosis. *Journal of Biological Chemistry*, **2018**, 293, 16364-16375	5.4	26
51	PDE/cAMP/Epac/C/EBP-Signaling Cascade Regulates Mitochondria Biogenesis of Tubular Epithelial Cells in Renal Fibrosis. *Antioxidants and Redox Signaling*, **2018**, 29, 637-652	8.4	26
50	FHL2 promotes tubular epithelial-to-mesenchymal transition through modulating catenin signalling. *Journal of Cellular and Molecular Medicine*, **2018**, 22, 1684-1695	5.6	18
49	Blockade of CD38 diminishes lipopolysaccharide-induced macrophage classical activation and acute kidney injury involving NF-B signaling suppression. *Cellular Signalling*, **2018**, 42, 249-258	4.9	40
48	The signaling protein Wnt5a promotes TGF1-mediated macrophage polarization and kidney fibrosis by inducing the transcriptional regulators Yap/Taz. *Journal of Biological Chemistry*, **2018**, 293, 19290-19302	5.4	60
47	Sphingosine kinase 2 cooperating with Fyn promotes kidney fibroblast activation and fibrosis via STAT3 and AKT. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2018**, 1864, 3824-3836	6.9	11
46	Protein kinase Cdrives fibroblast activation and kidney fibrosis by stimulating autophagic flux. *Journal of Biological Chemistry*, **2018**, 293, 11119-11130	5.4	18
45	Omega-3 Polyunsaturated Fatty Acids Attenuate Fibroblast Activation and Kidney Fibrosis Involving MTORC2 Signaling Suppression. *Scientific Reports*, **2017**, 7, 46146	4.9	10
44	Rictor/mammalian target of rapamycin complex 2 promotes macrophage activation and kidney fibrosis. *Journal of Pathology*, **2017**, 242, 488-499	9.4	17
43	Ablation of FGFR2 in Fibroblasts Ameliorates Kidney Fibrosis after Ischemia/Reperfusion Injury in Mice. *Kidney Diseases (Basel, Switzerland)*, **2017**, 3, 160-170	3.3	9
42	Advances in Understanding and Management of Residual Renal Function in Patients with Chronic Kidney Disease. *Kidney Diseases (Basel, Switzerland)*, **2017**, 2, 187-196	3.3	14
41	WNT/catenin signaling promotes VSMCs to osteogenic transdifferentiation and calcification through directly modulating Runx2 gene expression. *Experimental Cell Research*, **2016**, 345, 206-17	4.2	124
40	Metformin Protects Against Cisplatin-Induced Tubular Cell Apoptosis and Acute Kidney Injury via AMPKegulated Autophagy Induction. *Scientific Reports*, **2016**, 6, 23975	4.9	91
39	Quercetin Inhibits Fibroblast Activation and Kidney Fibrosis Involving the Suppression of Mammalian Target of Rapamycin and catenin Signaling. *Scientific Reports*, **2016**, 6, 23968	4.9	39

38	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). *Autophagy*, **2016**, 12, 1-222	10.2	3838
37	Erythropoietin protects the tubular basement membrane by promoting the bone marrow to release extracellular vesicles containing tPA-targeting miR-144. *American Journal of Physiology - Renal Physiology*, **2016**, 310, F27-40	4.3	20
36	Key Fibrogenic Signaling. *Current Pathobiology Reports*, **2015**, 3, 183-192	2	44
35	Rictor/mTORC2 signaling mediates TGF1-induced fibroblast activation and kidney fibrosis. *Kidney International*, **2015**, 88, 515-27	9.9	64
34	miR-125b/Ets1 axis regulates transdifferentiation and calcification of vascular smooth muscle cells in a high-phosphate environment. *Experimental Cell Research*, **2014**, 322, 302-12	4.2	48
33	Autophagy inhibition induces podocyte apoptosis by activating the pro-apoptotic pathway of endoplasmic reticulum stress. *Experimental Cell Research*, **2014**, 322, 290-301	4.2	30
32	Secreted fibroblast-derived miR-34a induces tubular cell apoptosis in fibrotic kidney. *Journal of Cell Science*, **2014**, 127, 4494-506	5.3	38
31	Rictor/mTORC2 protects against cisplatin-induced tubular cell death and acute kidney injury. *Kidney International*, **2014**, 86, 86-102	9.9	47
30	Circulating MiR-133a as a biomarker predicts cardiac hypertrophy in chronic hemodialysis patients. *PLoS ONE*, **2014**, 9, e103079	3.7	15
29	Circulatory mitochondrial DNA is a pro-inflammatory agent in maintenance hemodialysis patients. *PLoS ONE*, **2014**, 9, e113179	3.7	43
28	Mammalian target of rapamycin complex 1 activation in podocytes promotes cellular crescent formation. *American Journal of Physiology - Renal Physiology*, **2014**, 307, F1023-32	4.3	13
27	Sp1 mediates microRNA-29c-regulated type I collagen production in renal tubular epithelial cells. *Experimental Cell Research*, **2013**, 319, 2254-65	4.2	27
26	miR-21-containing microvesicles from injured tubular epithelial cells promote tubular phenotype transition by targeting PTEN protein. *American Journal of Pathology*, **2013**, 183, 1183-1196	5.8	58
25	Rheb/mTORC1 signaling promotes kidney fibroblast activation and fibrosis. *Journal of the American Society of Nephrology: JASN*, **2013**, 24, 1114-26	12.7	63
24	A microRNA-30e/mitochondrial uncoupling protein 2 axis mediates TGF-1-induced tubular epithelial cell extracellular matrix production and kidney fibrosis. *Kidney International*, **2013**, 84, 285-96	9.9	74
23	Aristolochic acid causes albuminuria by promoting mitochondrial DNA damage and dysfunction in podocyte. *PLoS ONE*, **2013**, 8, e83408	3.7	18
22	Blockade of Wnt/Ecatenin signaling by paricalcitol ameliorates proteinuria and kidney injury. *Journal of the American Society of Nephrology: JASN*, **2011**, 22, 90-103	12.7	217
21	Inhibition of proinflammatory RANTES expression by TGF-beta1 is mediated by glycogen synthase kinase-3beta-dependent beta-catenin signaling. *Journal of Biological Chemistry*, **2011**, 286, 7052-9	5.4	25

20	Canonical Wnt/β-catenin signaling mediates transforming growth factor-β1-driven podocyte injury and proteinuria. *Kidney International*, **2011**, 80, 1159-1169	9.9	109
19	Plasminogen activator inhibitor-1 is a transcriptional target of the canonical pathway of Wnt/beta-catenin signaling. *Journal of Biological Chemistry*, **2010**, 285, 24665-75	5.4	87
18	Hepatocyte growth factor signaling ameliorates podocyte injury and proteinuria. *Kidney International*, **2010**, 77, 962-73	9.9	72
17	Wnt/beta-catenin signaling promotes renal interstitial fibrosis. *Journal of the American Society of Nephrology: JASN*, **2009**, 20, 765-76	12.7	423
16	Inhibition of integrin-linked kinase attenuates renal interstitial fibrosis. *Journal of the American Society of Nephrology: JASN*, **2009**, 20, 1907-18	12.7	98
15	Wnt/beta-catenin signaling promotes podocyte dysfunction and albuminuria. *Journal of the American Society of Nephrology: JASN*, **2009**, 20, 1997-2008	12.7	302
14	PINCH-1 promotes tubular epithelial-to-mesenchymal transition by interacting with integrin-linked kinase. *Journal of the American Society of Nephrology: JASN*, **2007**, 18, 2534-43	12.7	50
13	Essential role of integrin-linked kinase in podocyte biology: Bridging the integrin and slit diaphragm signaling. *Journal of the American Society of Nephrology: JASN*, **2006**, 17, 2164-75	12.7	113
12	hepatocyte growth factor is a downstream effector that mediates the antifibrotic action of peroxisome proliferator-activated receptor-gamma agonists. *Journal of the American Society of Nephrology: JASN*, **2006**, 17, 54-65	12.7	122
11	β-Catenin: A Principal In-Vivo Mediator of HGF-induced Liver Growth. *FASEB Journal*, **2006**, 20, A1079	0.9	
10	Beta-cell-specific ablation of the hepatocyte growth factor receptor results in reduced islet size, impaired insulin secretion, and glucose intolerance. *American Journal of Pathology*, **2005**, 167, 429-36	5.8	63
9	Hepatocyte growth factor antagonizes the profibrotic action of TGF-beta1 in mesangial cells by stabilizing Smad transcriptional corepressor TGIF. *Journal of the American Society of Nephrology: JASN*, **2004**, 15, 1402-12	12.7	123
8	Intravenous administration of hepatocyte growth factor gene ameliorates diabetic nephropathy in mice. *Journal of the American Society of Nephrology: JASN*, **2004**, 15, 2637-47	12.7	96
7	Hepatocyte growth factor preserves beta cell mass and mitigates hyperglycemia in streptozotocin-induced diabetic mice. *Journal of Biological Chemistry*, **2003**, 278, 27080-7	5.4	62
6	Hepatocyte growth factor suppresses renal interstitial myofibroblast activation and intercepts Smad signal transduction. *American Journal of Pathology*, **2003**, 163, 621-32	5.8	136
5	Transforming growth factor-beta1 potentiates renal tubular epithelial cell death by a mechanism independent of Smad signaling. *Journal of Biological Chemistry*, **2003**, 278, 12537-45	5.4	121
4	Role for integrin-linked kinase in mediating tubular epithelial to mesenchymal transition and renal interstitial fibrogenesis. *Journal of Clinical Investigation*, **2003**, 112, 503-16	15.9	115
3	Role for integrin-linked kinase in mediating tubular epithelial to mesenchymal transition and renal interstitial fibrogenesis. *Journal of Clinical Investigation*, **2003**, 112, 503-516	15.9	280

2	Hepatocyte growth factor gene therapy and angiotensin II blockade synergistically attenuate renal interstitial fibrosis in mice. *Journal of the American Society of Nephrology: JASN*, **2002**, 13, 2464-77	12.7	132
1	Single injection of naked plasmid encoding hepatocyte growth factor prevents cell death and ameliorates acute renal failure in mice. *Journal of the American Society of Nephrology: JASN*, **2002**, 13, 411-422	12.7	95